

CRF Errors Corrected by the STIC Systems Branch

RECEIVED 7/15/03  
 CRF Processing Date: 7/15/03  
 Edited by: MT  
 Verified by: JUL 16 2003 (STIC staff)

Serial Number: 091688,286D

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading, and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

ENTERED

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



1600

## RAW SEQUENCE LISTING

DATE: 07/15/2003

PATENT APPLICATION: US/09/688,286D

TIME: 07:51:52

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07152003\I688286D.raw

*See page 6.*

3 <110> APPLICANT: Willson, Tracey  
 4 Nicola , Nicos  
 5 Hilton, Douglas  
 6 Metcalf, Donald  
 7 Zhang , Jian  
 9 <120> TITLE OF INVENTION: A novel haemopoietin receptor and genetic sequences encoding  
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 11 <130> FILE REFERENCE: 23199-215  
 13 <140> CURRENT APPLICATION NUMBER: US 09/688,286D  
 C--> 14 <141> CURRENT FILING DATE: 2003-07-10  
 16 <150> PRIOR APPLICATION NUMBER: AU PN6135  
 17 <151> PRIOR FILING DATE: 1995-10-23  
 19 <150> PRIOR APPLICATION NUMBER: AU PN7276  
 20 <151> PRIOR FILING DATE: 1995-12-22  
 22 <150> PRIOR APPLICATION NUMBER: AU PP2208  
 23 <151> PRIOR FILING DATE: 1996-09-09  
 25 <160> NUMBER OF SEQ ID NOS: 12  
 27 <170> SOFTWARE: PatentIn version 3.1  
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 35 <221> NAME/KEY: CDS  
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 37 <223> OTHER INFORMATION:  
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 43 Met Ala Arg Pro Ala Leu Leu Gly Glu Leu Leu Val Leu Leu Leu Trp  
 44 1 5 10 15  
 46 acc gcc acc gtg ggc caa gtt gcc gcg gcc aca gaa gtt cag cca cct 156  
 47 Thr Ala Thr Val Gly Gln Val Ala Ala Ala Thr Glu Val Gln Pro Pro  
 48 20 25 30  
 50 gtg acg aat ttg agc gtc tct gtc gaa aat ctc tgc acg ata ata tgg 204  
 51 Val Thr Asn Leu Ser Val Ser Val Glu Asn Leu Cys Thr Ile Ile Trp  
 52 35 40 45  
 54 acg tgg agt cct cct gaa gga gcc agt cca aat tgc act ctc aga tat 252  
 55 Thr Trp Ser Pro Pro Glu Gly Ala Ser Pro Asn Cys Thr Leu Arg Tyr  
 56 50 55 60  
 58 ttt agt cac ttt gat gac caa cag gat aag aaa att gct cca gaa act 300  
 59 Phe Ser His Phe Asp Asp Gln Gln Asp Lys Lys Ile Ala Pro Glu Thr  
 60 65 70 75 80  
 62 cat cgt aaa gag gaa tta ccc ctg gat gag aaa atc tgt ctg cag gtg 348

## RAW SEQUENCE LISTING

DATE: 07/15/2003

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Input Set : A:\11373A.seqlist.txt

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67	Gly	Ser	Gln	Cys	Ser	Ala	Asn	Glu	Ser	Glu	Lys	Pro	Ser	Pro	Leu	Val	
68				100					105					110			
70	aaa	aag	tgc	atc	tca	ccc	cct	gaa	ggg	gat	cct	gag	tcc	gct	gtg	act	444
71	Lys	Lys	Cys	Ile	Ser	Pro	Pro	Glu	Gly	Asp	Pro	Glu	Ser	Ala	Val	Thr	
72				115					120					125			
74	gag	ctc	aag	tgc	att	tgg	cat	aac	ctg	agc	tat	atg	aag	tgt	tcc	tgg	492
75	Glu	Leu	Lys	Cys	Ile	Trp	His	Asn	Leu	Ser	Tyr	Met	Lys	Cys	Ser	Trp	
76				130					135					140			
78	ctc	cct	gga	agg	aat	aca	agc	cct	gac	aca	cac	tat	act	ctg	tac	tat	540
79	Leu	Pro	Gly	Arg	Asn	Thr	Ser	Pro	Asp	Thr	His	Tyr	Thr	Leu	Tyr	Tyr	
80	145					150						155				160	
82	tgg	tac	agc	agc	ctg	gag	aaa	agt	cgt	caa	tgt	gaa	aac	atc	tat	aga	588
83	Trp	Tyr	Ser	Ser	Leu	Glu	Lys	Ser	Arg	Gln	Cys	Glu	Asn	Ile	Tyr	Arg	
84				165						170				175			
86	gaa	ggg	caa	cac	att	gct	tgt	tcc	ttt	aaa	ttg	act	aaa	gtg	gaa	cct	636
87	Glu	Gly	Gln	His	Ile	Ala	Cys	Ser	Phe	Lys	Leu	Thr	Lys	Val	Glu	Pro	
88				180					185					190			
90	agt	ttt	gaa	cat	cag	aac	gtt	caa	ata	atg	gtc	aag	gat	aat	gct	ggg	684
91	Ser	Phe	Glu	His	Gln	Asn	Val	Gln	Ile	Met	Val	Lys	Asp	Asn	Ala	Gly	
92				195					200					205			
94	aaa	att	agg	cca	tcc	tgc	aaa	ata	gtg	tct	tta	act	tcc	tat	gtg	aaa	732
95	Lys	Ile	Arg	Pro	Ser	Cys	Lys	Ile	Val	Ser	Leu	Thr	Ser	Tyr	Val	Lys	
96				210					215					220			
98	cct	gat	cct	cca	cat	att	aaa	cat	ctt	ctc	ctc	aaa	aat	ggg	gcc	tta	780
99	Pro	Asp	Pro	Pro	His	Ile	Lys	His	Leu	Leu	Leu	Lys	Asn	Gly	Ala	Leu	
100	225					230						235			240		
102	tta	gtg	cag	tgg	aag	aat	cca	caa	aat	ttt	aga	agc	aga	tgc	tta	act	828
103	Leu	Val	Gln	Trp	Lys	Asn	Pro	Gln	Asn	Phe	Arg	Ser	Arg	Cys	Leu	Thr	
104				245						250				255			
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107	Tyr	Glu	Val	Glu	Val	Asn	Asn	Thr	Gln	Thr	Asp	Arg	His	Asn	Ile	Leu	
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115	Glu	Gly	Thr	Ser	Cys	Phe	Gln	Leu	Pro	Gly	Val	Leu	Ala	Asp	Ala	Val	
116				290					295					300			
118	tac	aca	gtc	aga	gta	aga	gtc	aaa	aca	aac	aag	tta	tgc	ttt	gat	gac	1020
119	Tyr	Thr	Val	Arg	Val	Arg	Val	Lys	Thr	Asn	Lys	Leu	Cys	Phe	Asp	Asp	
120	305					310					315				320		
122	aac	aaa	ctg	tgg	agt	gat	tgg	agt	gaa	gca	cag	agt	ata	ggg	aag	gag	1068
123	Asn	Lys	Leu	Trp	Ser	Asp	Trp	Ser	Glu	Ala	Gln	Ser	Ile	Gly	Lys	Glu	
124				325						330				335			
126	caa	aac	tcc	acc	ttc	tac	acc	acc	atg	tta	ctc	acc	att	cca	gtc	ttt	1116
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## RAW SEQUENCE LISTING

DATE: 07/15/2003

PATENT APPLICATION: US/09/688,286D

TIME: 07:51:52

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07152003\I688286D.raw

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132          355          360          365
134 atc att ata ttt cct cca att cct gat cct ggc aag att ttt aaa gaa      1212
135 Ile Ile Ile Phe Pro Pro Ile Pro Asp Pro Gly Lys Ile Phe Lys Glu
136          370          375          380
138 atg ttt gga gac cag aat gat gat acc ctg cac tgg aag aag tat gac      1260
139 Met Phe Gly Asp Gln Asn Asp Asp Thr Leu His Trp Lys Lys Tyr Asp
140 385          390          395          400
142 atc tat gag aaa caa tcc aaa gaa gaa acg gat tct gta gtg ctg ata      1308
143 Ile Tyr Glu Lys Gln Ser Lys Glu Glu Thr Asp Ser Val Val Leu Ile
144          405          410          415
146 gaa aac ctg aag aaa gca gct cct tgatggggag aagtgatttc tttcttgccct      1362
147 Glu Asn Leu Lys Lys Ala Ala Pro
148          420
150 tcaatgtgac cctgtgaaga tttattgcat tctccatttg ttatctgggg gacttggttaa      1422
152 atagaaactg aaactactct tgaaaaacag gcagctccta agagccacag gtcttgatgt      1482
154 gacttttgca ttgaaaaccc aaacccaaag gagctccttc caagaaaagc aagagttctt      1542
156 ctggttcctt gttccaatcc ctaaaagcag atgttttgcc aaatcccaa actagaggac      1602
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164 <211> LENGTH: 424
165 <212> TYPE: PRT
166 <213> ORGANISM: Mus musculus
168 <400> SEQUENCE: 2
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175          20          25          30
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195          100          105          110
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207 145          150          155          160
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## RAW SEQUENCE LISTING

DATE: 07/15/2003

PATENT APPLICATION: US/09/688,286D

TIME: 07:51:52

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07152003\I688286D.raw

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 218 Ser Phe Glu His Gln Asn Val Gln Ile Met Val Lys Asp Asn Ala Gly  
 219 195 200 205  
 222 Lys Ile Arg Pro Ser Cys Lys Ile Val Ser Leu Thr Ser Tyr Val Lys  
 223 210 215 220  
 226 Pro Asp Pro Pro His Ile Lys His Leu Leu Leu Lys Asn Gly Ala Leu  
 227 225 230 235 240  
 230 Leu Val Gln Trp Lys Asn Pro Gln Asn Phe Arg Ser Arg Cys Leu Thr  
 231 245 250 255  
 234 Tyr Glu Val Glu Val Asn Asn Thr Gln Thr Asp Arg His Asn Ile Leu  
 235 260 265 270  
 238 Glu Val Glu Glu Asp Lys Cys Gln Asn Ser Glu Ser Asp Arg Asn Met  
 239 275 280 285  
 242 Glu Gly Thr Ser Cys Phe Gln Leu Pro Gly Val Leu Ala Asp Ala Val  
 243 290 295 300  
 246 Tyr Thr Val Arg Val Arg Val Lys Thr Asn Lys Leu Cys Phe Asp Asp  
 247 305 310 315 320  
 250 Asn Lys Leu Trp Ser Asp Trp Ser Glu Ala Gln Ser Ile Gly Lys Glu  
 251 325 330 335  
 254 Gln Asn Ser Thr Phe Tyr Thr Thr Met Leu Leu Thr Ile Pro Val Phe  
 255 340 345 350  
 258 Val Ala Val Ala Val Ile Ile Leu Leu Phe Tyr Leu Lys Arg Leu Lys  
 259 355 360 365  
 262 Ile Ile Ile Phe Pro Pro Ile Pro Asp Pro Gly Lys Ile Phe Lys Glu  
 263 370 375 380  
 266 Met Phe Gly Asp Gln Asn Asp Asp Thr Leu His Trp Lys Lys Tyr Asp  
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280 &lt;212&gt; TYPE: DNA

281 &lt;213&gt; ORGANISM: human

283 &lt;220&gt; FEATURE:

284 &lt;221&gt; NAME/KEY: CDS

285 &lt;222&gt; LOCATION: (61)..(1338)

286 &lt;223&gt; OTHER INFORMATION:

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 292 Met Glu Trp Pro Ala Arg Leu Cys Gly Leu Trp Ala Leu Leu Leu Cys  
 293 1 5 10 15  
 295 gcc ggc ggc ggg ggc ggg ggc ggg ggc gcg cct acg gaa act cag cca 156  
 296 Ala Gly Gly Gly Gly Gly Gly Gly Gly Ala Pro Thr Glu Thr Gln Pro  
 297 20 25 30  
 299 cct gtg aca aat ttg agt gtc tct gtt gaa aac ctc tgc aca gta ata 204

## RAW SEQUENCE LISTING

DATE: 07/15/2003

PATENT APPLICATION: US/09/688,286D

TIME: 07:51:52

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07152003\I688286D.raw

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308	Tyr	Phe	Ser	His	Phe	Gly	Asp	Lys	Gln	Asp	Lys	Lys	Ile	Ala	Pro	Glu	
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316	Val	Gly	Ser	Gln	Cys	Ser	Thr	Asn	Glu	Ser	Glu	Lys	Pro	Ser	Ile	Leu	
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320	Val	Glu	Lys	Cys	Ile	Ser	Pro	Pro	Glu	Gly	Asp	Pro	Glu	Ser	Ala	Val	
321			115						120				125				
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325		130					135					140					
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328	Trp	Leu	Pro	Gly	Arg	Asn	Thr	Ser	Pro	Asp	Thr	Asn	Tyr	Thr	Leu	Tyr	
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331	tat	tgg	cac	aga	agc	ctg	gaa	aaa	att	cat	caa	tgt	gaa	aac	atc	ttt	588
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333				165					170				175				
335	aga	gaa	ggc	caa	tac	ttt	ggt	tgt	tcc	ttt	gat	ctg	acc	aaa	gtg	aag	636
336	Arg	Glu	Gly	Gln	Tyr	Phe	Gly	Cys	Ser	Phe	Asp	Leu	Thr	Lys	Val	Lys	
337				180					185				190				
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341			195					200					205				
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344	Ala	Gly	Lys	Ile	Lys	Pro	Ser	Phe	Asn	Ile	Val	Pro	Leu	Thr	Ser	Arg	
345		210					215					220					
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348	Val	Lys	Pro	Asp	Pro	Pro	His	Ile	Lys	Asn	Leu	Ser	Phe	His	Asn	Asp	
349	225				230					235					240		
351	gac	cta	tat	gtg	caa	tgg	gag	aat	cca	cag	aat	ttt	att	agc	aga	tgc	828
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353				245					250				255				
355	cta	ttt	tat	gaa	gta	gaa	gtc	aat	aac	agc	caa	act	gag	aca	cat	aat	876
356	Leu	Phe	Tyr	Glu	Val	Glu	Val	Asn	Asn	Ser	Gln	Thr	Glu	Thr	His	Asn	
357				260				265					270				
359	ggt	ttc	tac	gtc	caa	gag	gct	aaa	tgt	gag	aat	cca	gaa	ttt	gag	aga	924
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361			275					280					285				
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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/688,286D

DATE: 07/15/2003  
TIME: 07:51:53

Input Set : A:\11373A.seqlist.txt  
Output Set: N:\CRF4\07152003\I688286D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; Xaa Pos. 3  
Seq#:10; Xaa Pos. 24  
Seq#:11; Xaa Pos. 24

**VERIFICATION SUMMARY**

DATE: 07/15/2003

PATENT APPLICATION: US/09/688,286D

TIME: 07:51:53

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07152003\I688286D.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:39 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:37  
L:288 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:286  
L:589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:16  
L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16





1600

**RAW SEQUENCE LISTING**

PATENT APPLICATION: US/09/688,286D

DATE: 07/10/2003

TIME: 11:05:02

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07102003\I688286D.raw

3 <110> APPLICANT: Willson, Tracey  
 4 Nicola , Nicos  
 5 Hilton, Douglas  
 6 Metcalf, Donald  
 7 Zhang , Jian  
 9 <120> TITLE OF INVENTION: A novel haemopoietin receptor and genetic sequences encoding  
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 11 <130> FILE REFERENCE: 23199-215  
 13 <140> CURRENT APPLICATION NUMBER: US 09/688,286D  
 C--> 14 <141> CURRENT FILING DATE: 2000-10-13  
 16 <150> PRIOR APPLICATION NUMBER: AU PN6135  
 17 <151> PRIOR FILING DATE: 1995-10-23  
 19 <150> PRIOR APPLICATION NUMBER: AU PN7276  
 20 <151> PRIOR FILING DATE: 1995-12-22  
 22 <150> PRIOR APPLICATION NUMBER: AU PP2208  
 23 <151> PRIOR FILING DATE: 1996-09-09  
 25 <160> NUMBER OF SEQ ID NOS: 12  
 27 <170> SOFTWARE: PatentIn version 3.1

**Does Not Comply**  
**Corrected Diskette Needed**

**ERRORED SEQUENCES**

641 <210> SEQ ID NO: 12  
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 643 <212> TYPE: PRT  
 644 <213> ORGANISM: unknown  
 646 <220> FEATURE:  
 647 <223> OTHER INFORMATION: peptide motif found in many members of the haemopoietin  
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 648 family  
 650 <400> SEQUENCE: 12  
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 653 1 5  
 E--> 662 - 11 - Delete

## VERIFICATION SUMMARY

DATE: 07/10/2003

PATENT APPLICATION: US/09/688,286D

TIME: 11:05:03

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07102003\I688286D.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:39 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:37  
L:288 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:286  
L:589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:16  
L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16  
L:662 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:12